

Title (en)

System for dynamic adaptation of data channel coding in wireless communications

Title (de)

System zur dynamischen Datenkanalkodierungsanpassung in drahtlosen Kommunikationen

Title (fr)

Système pour l'adaptation dynamique du codage de canaux de données dans des systèmes de communications sans fil

Publication

**EP 0964540 B1 20100303 (EN)**

Application

**EP 99201627 A 19990520**

Priority

US 8621798 P 19980521

Abstract (en)

[origin: EP0964540A2] A system for dynamic adaptation of wireless communication between a Mobile Station (11) and a Base Station (13) wherein the transmitted frame from the Mobile Station includes a convolutionally coded portion containing a down-link measurement bit and a repetition code identifying the codec mode of the frame. The transmitted frame from the Base Station (13) includes a codec mode command signal for the Mobile Station (11) in the convolutionally encoded portion and the repetition code identify the codec mode of the down-link frame. The Base Station (13) includes means for analyzing the quality of the up-link frame and means from the received down-link measurement bit for determining the down-link quality. <IMAGE>

IPC 8 full level

**H04L 1/00** (2006.01); **H04B 17/00** (2006.01); **H04L 1/08** (2006.01)

CPC (source: EP US)

**H04L 1/0002** (2013.01 - EP US); **H04L 1/0009** (2013.01 - EP US); **H04L 1/0015** (2013.01 - EP US); **H04L 1/0025** (2013.01 - EP US); **H04L 1/0026** (2013.01 - EP US); **H04L 1/08** (2013.01 - EP US)

Cited by

SG134173A1; DE10013798C1; EP1179897A3; FR2914480A1; US6452941B1; GB2393368A; GB2393368B; ES2264363A1; US7986672B2; US7333805B2; US7468983B2; WO2005017640A3; WO02096040A1; WO0239650A3; WO02096145A1; WO03019850A1; US7639989B2; US7904026B2; US8219036B2; US8437702B2; US9253789B2

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